

## CHAPTER 1 INTRODUCTION TO ANATOMY AND PHYSIOLOGY OBJECTIVES

1. Describe the basic functions of living organisms.
2. Define anatomy and physiology, and describe the various specialties within each discipline.
3. Identify the organ systems of the human body and major components of each system.
4. Identify the major levels of organization in living organisms.
5. Explain the significance of homeostasis.
6. Describe how negative and positive feedback is involved in homeostatic regulation.
7. Use anatomical terms to describe the body sections, body regions, and relative positions.
8. Identify the major body cavities and their subdivisions.